

TANGAZO LA SERIKALI NA. 90 la tarehe 9/2/2024

**SHERIA YA KODI YA ONGEZECO LA THAMANI,
(SURA YA 148)**

AMRI

(Imetengenezwa chini ya kifungu cha 6)

AMRI YA MSAMAHA WA KODI YA ONGEZECO LA THAMANI KATIKA MRADI WA
UENDELEZAJI WA KONGANI YA VIWANDA KWA KAMPUNI YA SINO TAN KIBAHA
INDUSTRIAL PARK YA MWAKA 2024

Jina na kuanza
kutumika

1. Amri hii itajulikana kama Amri ya Msamaha wa Kodi ya Ongezeko la Thamani Katika Mradi wa Uendelezaji wa Kongani ya Viwanda kwa Kampuni ya Sino Tan Kibaha Industrial Park ya Mwaka 2024. na itachukuliwa kuwa imeanza kutumika kuanzia tarehe 25 Agosti, 2023.

Msamaha

2. Kwa kuzingatia masharti yaliyoainishwa katika aya ya 3, na masharti mengine yoyote yanayoweza kuainishwa na Kamishna Mkuu wa Mamlaka ya Mapato Tanzania, Kodi ya Ongezeko la Thamani kwa malipo yote ya bidhaa na huduma zilizoainishwa katika Jedwali la Amri hii, zilizoingizwa ndani ya nchi au kununuliwa kabla ya kibali kupitia forodha na au kwa niaba ya Kampuni ya Sino Tan Kibaha Industrial Park kwa ajili ya mradi wa uendelezaji wa kongani ya viwanda inasamehewa.

Masharti

3. Msamaha uliotolewa chini ya Amri hii utakoma na Kodi ya Ongezeko la Thamani itapaswa kulipwa kana kwamba Amri hii haijatolewa ikiwa bidhaa zitatumika kwa matumizi mengine au kuhamishwa au kuuzwa kwa mtu mwingine ambaye hastahili kupata manufaa

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Tangazo La Serikali Na. 90 (Linaendelea)

yanayotolewa na Amri hii.

Ukomo 4. Amri hii itafika ukomo wake tarehe 25 Agosti,
2024.

JEDWALI

(Limetengenezwa chini ya aya ya 2)

No	Description	Unit of Measure	Quantity
A	DEVELOPER BUILDING MATERIAL ITEMS		
A1	MAIN BUILDING & CIVIL WORK; BUILDING MATERIAL		
1.	Marine Ply board	Sqm	102,287
2.	Prefabricated steel structure/bulding; Industrial Shade	Ton	41,910
3.	Coping; 270 x 75mm	NMB	10,583
4.	Copings; 300 x 75mm	NMB	249
5.	Copings; 400 x 400 x 100mm	NMB	96
6.	Culvert	NMB	400
7.	450x230x150mm blocks	NMB	1,281,076
8.	450mm wide x 100mm thick wood composite	NMB	1,844
9.	35 x 85mm Aluminium louvred shells/screens/shading	NMB	468
10.	Paving Blocks; 200x100x80	SQM	21,980
11.	Paving Blocks; 600x600x50	SQM	48
12.	Kerbstone; 450x400x150mm	NMB	37,722
13.	Structural glass;10mm blue tinted complete with all accessories		
14.	steelworks; Prefabricated steel structure/ industrial shades; M/S Angle cleats;150x150mm	M	24,000
15.	Two lever mortice lock sets	NMB	
16.	Butt hinges; 100mm; aluminium	NMB	

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17.	Ball bearing hinges; 127x 89x 3mm size	NMB	1,305
18.	Door stop; DS100 size 45x24mm	NMB	317
19.	Sprung door lever handle	NMB	230
20.	Lever mortice lock cylinder	NMB	306
21.	Medium duty with baccheck door closer	NMB	544
22.	Aluminium martin lever locksets	NMB	596
23.	Bathroom cylinder; 73mm case size	NMB	591
24.	Hinges; 75mm	NMB	2,366
25.	Cupboard door locks	NMB	2,148
26.	Pull handle; 150mm	NMB	2,148
27.	Cylinder spring latch lock	NMB	256
28.	Barrel bolts; 100 mm	NMB	256
29.	"D" handles; 100 mm	NMB	256
30.	Flush bolts	NMB	1,956
31.	6 mm thick; clear glass panel	NMB	169
32.	Fire doors (120min)	NMB	2
33.	Electronic doors	NMB	1
34.	Damp Proofing Membranes; 1000Gauge	SQM	288,061
35.	Damp Proofing Cause	M	29,968
36.	20EC gammalin solution or the like	Litres	2,219,161
37.	Structural Adhesives; PVA; 955	NMB	150
38.	Bolts washer and nut: 10mm; Bolt-Washer-nut; 75mm Long; 16mm; Bolt-Washer-nut; 375mm Long; 20mm; Bolt-Washer-Nut; 120mm Long; Self drilling screws; 6x25mm; 6x50mm; 12mm; Bolt-Washer-Nut; 75mm Long; 25mm; Bolt-Washer-Nut; 300mm Long; Bolts; 10 mm dia x 50 mm long; two washers; two nuts; Bolts; 10 mm dia x 75 mm long; two washers; two nuts	NMB	74,084
39.	Mild steel gutter and accessories: 110mm Gutter; Stopped ends; Running Outlets	NMB	1,290
40.	Natural Anodized aluminium: to Windows, to doors and walls	SQM	2,910
41.	Hardcore fill material;	CBM	178,330
42.	Fill Material; G7	CBM	19,292
43.	Subgrade; G15	CBM	45,564
44.	Granular materials; G25	CBM	4,170
45.	Granular materials; G45	CBM	41,680
46.	Sub-base; C1; with PI less than 6	CBM	23,464

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47.	750mm thick; median	CBM	3,596
48.	200mm thick; geen belts	CBM	10,800
49.	Filling materials eg sand	CBM	680
50.	Mild steel grills and metal work: 2100x1900;1500x1900;1500x800;800x800;900x2100;3000x2100;2600x2100;1400x2100;1350x2100;1500x1000;1500x900;2500x2550;1000x2550mm; 100mm diameter x 7000mm; primmed and gloss; steel flag posts; Sliding gates; 6000 x 2400mm; Sliding gates; 14000 x 2400mm; Pedestrian gate; 1200 x 2400mm; Barrel bolts; 12mm diameter; Tower bolts; 12mm dia x 500mm long	NMB	635
51.	Water proofing to specs; Xypex	NMB	10,671
52.	Gypsum boards; 12mm thick; 10mm thick; Access panel	NMB	2,586
53.	Gypsum Cornice;	NMB	2,501
54.	Gypsum Powder; Skimming; building plaster	NMB	5,279
55.	Emulsion or PVA based paint;	Litres	11,492
56.	Weather guard paint;	Litres	2,641
57.	Oil paint	Litres	48
58.	Clear varnish	Litres	4,391
59.	Acrylic textured primer	Litres	253
60.	Zink rich epoxy primer; 3 coats	Litres	9,578
61.	150mm wide; white lines; unbroken	Litres	47,452
62.	150mm wide; yellow lines; unbroken	Litres	735
63.	Expansion joint material; 25mm thick; rubber flex fill material	SQM	2,709
64.	Roof structure in treated softwood: 50x50; 50x75mm;50x100mm; purlins, wallplate, bottomchord, truss members; 50x50mm brandering	M	37,782
65.	Hardwood: Frames, Architraves and grounding; Drawers, bearers	CBM	638
66.	Paint; Zinc Chromate	NMB	150
A2	SERVICE WORK; BUILDING MATERIAL		
A2.1	MECHANICAL SERVICES; PLUMBING & FIREFIGHTING		

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67.	Pressure boosting set consisting of two identical vertical multistage stainless-steel pumps connected in parallel and mounted on a common base stainless steel pumps connected in parallel and mounted on a common base frame, with a control cabinet with integrated controller and provided with all the necessary fittings, Manufactured, Assembled and tested by the Manufacturer. The booster set will be fitted with an on/off switch for the supply voltage; 240Litres pressure vessel; Float switch; isolation valves; associated accessories	NMB	8
68.	European type WC; as to CASTLEWARE; or equal approved Close coupled floor standing with complete combination wash down outlet, dual flush cistern fittings 3.5litres or less for full flush, seat and cover and PVC Syphon fitting Oli. "P" or "S" trap pans; bedding outlets in mastic; fixing with brass screws to backgrounds requiring plugging.	NMB	1,197
69.	Asian type WC; as to CASTLEWARE; or equal approved Close coupled floor standing with complete combination wash down outlet, dual flush cistern fittings 3.5litres or less for full flush, seat and cover and PVC Syphon fitting Oli. "P" or "S" trap pans; bedding outlets in mastic; fixing with brass screws to backgrounds requiring plugging.	NMB	6
70.	Special Care Unit (Disable toilet); RAK, IDEAL STANDARD, ARROW or equal approved delivered complete in one box including WC, HWB, grab rails, hinged arm support, mixer tap, toilet roll holder etc	NMB	84
71.	White vitreous china Hand wash basin as to CASTLEWARE or equal approved; under counter type- 480mm diameter; complete with tap mixer capable to discharge water at a flow rate of 2litres/min. or less. Fixing with screws to backgrounds requiring plugging	NMB	898
72.	Single bowl Stainless steel wash kitchen sink; 1200 x 600mm; complete with Stainless-steel sink mixer with discharge flow rate of 4litres/min. complete with connecting accessories, fixing with screws to backgrounds requiring plugging	NMB	43
73.	White vitreous china Hand wash basin Wall hung Half pedestal 32430 size: 460x 580x210mm, Flexible, Magic 1 1/4x40 Bonomini or equal approved; complete with tap. Fixing with screws to backgrounds requiring plugging	NMB	158

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74.	Urinal Bowl E905 Castleware or equal approved complete with top inlet press flushing valve per flush and associated accessories, fixing with brass screws to backgrounds plugging	NMB	61
75.	Shower rose, shower tray, shower mixer, Shower Rail with Square Head 30059 with fixing accessories.	NMB	42
76.	Shataff; ABS chrome with supreme Hose and wall holder as to CASTLE WARE or equal approved fixing with brass screws.	NMB	1,395
77.	Soap Dispenser AITANA AC70000Jc; fixing with brass screws to backgrounds plugging	NMB	540
78.	Mirrors; overall size 600 x 800mm high BELICE Bisel Mate, fixed to wall with CP screw and caps	NMB	960
79.	Toilet paper holder; chrome fixing with brass screws to backgrounds plugging	NMB	1,287
80.	Pillar Cock Basin Push Type Albeerto or approved equal, single lever basin mixer with popup Waste & 375mm long braided hoses and accessories or equal approved	NMB	1,136
81.	Angle valve to fortis brand with tringular handle and flange	NMB	4,165
82.	Hand Dryer White AA19000 Jofel or approved equivalent	NMB	366
83.	Heater of 10 liters of ARISTON or equal approved.	NMB	150
84.	Fire pump comprising electric duty pump, diesel engine driven standby pump and jockey for pressure sustainance. The automatic operation pumping set shall be in accordance with European Norm EN 12845 covering automatic fire systems, and UNI 10779 covering hydrant networks. The equipment shall be as Grundfos or approved equivalent and will be Hydro EN 32-160/177 YJS ADL-U3-A 50 Hz and comprise of: 1 No. Electric driven duty pump as NKF single-stage, end-suction, Automatic start/manual stop centrifugal pump set with a flow rate of 35m ³ /h against 8.8bars head and a power supply of 5.5Kw, 400V, 50Hz.;1 No. automatic diesel driven engine standby fire pump set with a flow 35m ³ /h against 8.8bars head and power 6.6kw	NMB	52
85.	Fire extinguisher bottles, by NAFFCO or equal approved of Dry powder (ABC), 6kg mounted on wall	NMB	368

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86.	Fire extinguisher bottles, by NAFFCO or equal approved of Carbon dioxide (Co2), 5kg mounted on wall	NMB	440
87.	Fire Hose Reel as NAFFCO brand or equal approved, complete with standard cabinet for hose reel and two portable extinguishers, Hose diameter 25mm diameter, hose length 30m.	NMB	104
88.	Automatic Clean agent fire extinguisher model NHFC-6 MATIC gross weight 11kg (Extinguisher capacity 6kg), working pressure 15Bar, for Computer, Switchgears, server rooms and Sensitive data storage, coverage of 10m2 (Effective when mounted at height 3m from floor) for Vertical configurations, complete all necessities fittings. The units charged with Clean agent (HFC-236fa) and are fitted with a detection sprinkler head that is rated at 68°C. Capable of extinguisher fire type A, B, C and Electrical fires.	NMB	106
89.	Fire blanket of 6" X 6"	NMB	1
90.	Breeching Inlet Cabinet material mild steel, glass with wire meshed reinforcement, paint with Epoxy powder red as manufactured to BS 5041 complete with Breeching cabinet size: 595mm[W] x 395mm[H] x 295mm[D] & 4" x 2 Way	NMB	6
91.	Canvas flexible Fire Hose Reel, 30m long, 65mm diameter complete double compartment cabinet with supporting equipment	NMB	18
92.	2- way fire hydrant 2 x 63mm control valve with Female BS instantaneous outlet with inlet 100mm BS 10 flange complete with associate fittings	NMB	107
93.	100mm,50mm,40mm diameter HDPE pipes, black/blue color PN16 to ISO4427 and BS EN 12201 standards with PP Compression Fittings to BS EN 12001 for transferring water.	M	10,780
94.	100mm,50mm,40mm diameter non-return valves; HDPE fittings; 100mm,50mm 90 degree elbows & Tee; metering unit	NMB	516
95.	PPR pipe (DiZAYN GROUP) and tubing class "6" to BS 4554 with screwed and socketed joints to BS 143 and 126 of approved manufacture.; 50mm,40mm,32mm,25mm,20mm	NMB	8,195
96.	PPR pipe (DiZAYN GROUP) and tubing class "6" to BS 4554 with screwed and socketed joints to BS 143 and 126 of approved manufacture.; 50mm,40mm,32mm,25mm,20mm for; 90 degree Elbow; Tee; Female Elbow; Reducer; Gate Valve;	NMB	15,616

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	15mm diameter flexible pipe;		
97.	600x600mm; 300x300mm; heavy duty cast iron cover with frame; Galvanized steel wire ballon set on top of vent pipe and covered with mosquito gauze, 100mm diameter; 150mm diameter cast iron, Ductile iron dome Iron grate Fulbora including uPVC threaded adaptor)	NMB	2,738
98.	Class "B" to BS 8301 - 1985 uPVC pipe; 150mm,100mm,75mm,50mm	M	31,267
99.	Class "B" to BS 8301 - 1985 uPVC pipe fittings; 150mm,100mm,75mm,50mm,32mm,25mm; 90 degree Elbow; 45 degree Elbow; Tee-WYE; Double-WYE; Pipe Clamps; Elbow with Cleanout; Floor Drains; PVC Cement Glue 1000g	NMB	20,963
100	Hose reel, Dry/Wet Riserpipes and fittings in galvanized heavy grade material to BS 1387 and BS 1256: 150mm,100mm,50mm,25mm diameter Pipes	M	46,340
101	Hose reel pipe fittings in galvanized heavy grade material to BS 1387 and BS 1256: 150mm,100mm,50mm,25mm diameter; Elbow;Tee;Union; Gate valve; High pressure landing valves-65mm; Flanged tee-100mm;reducers-100x75mm;Canva Flexible fire hose reel;30m Long; 65mm Diameter	NMB	3,246
A2.2	MECHANICAL SERVICES; HVAC & LIFTS		
102	Single split Inverter type Air Conditioners of LG or Approved Equivalent. Each Set has outdoor air-cooled condensing unit, indoor cassette fan coil unit and wired controller/ wireless remote controller Type of refrigerant is R410A/ R407C; Ceiling cassette type; 7.1Kw; 5.6Kw	NMB	344
103	Air Conditioners with wall mounted Indoor/ Fan Coil Unit: Air conditioner of LG Brand or Approved Equivalent. Each Set has outdoor air-cooled condensing unit, indoor wall mounted fan coil unit and wireless remote controller. Type of refrigerant is R410A/ R407C; 3.6Kw; 5.6Kw	NMB	674
104	Refrigerant copper pipes complete with associated fittings, insulation; 6.4mm diam;9.5mm diam; 12.7mm diam; 15.9mm diam	M	10,172

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105	Armaflex (insulation)-1.8 per piece;6.4mm,9.5mm,12.7mm,15.9mm, AVS Srge protector, Mounted bracket	NMB	6,095
106	Flexible cable of 3core x 2.5mm sqr control and power cables between units and DP switch	M	12,918
107	Type of lift: Electric Passenger lift , Machine room less ;Drive system: (VVVF) with sleep mode option; Number of car: Two(2);Capacity of car:630kg -8 people; Stop designation; Number of stops/Openings: 4(G,1-2,Roof);Speed:1.0 m/s ;Openings: Center Openings (CO);Travelling distance:16m approximate; Shaft size (HW x HD):1726x1700mm; Lift pit:1300mm;Inside Car dimensions (CWxCD):1100x1400mm;Overhead Height:3650mm; Door opening: Two pannels, center opening ;Door net size 800mmx2100mm (WxH);Operation system: Duplex collective operation;Main power supply: 400Volts $\pm$ 5% of normal, 50Hz Three phase;Car lighting power supply: 220Volts, Single phase.	NMB	12
108	Lift shaft lighting including cabling in mini-trunking and light fittings on the shaft wall, running from top of the shaft to the bottom, with intermediate fitting every approximately 3.3 meters for all lifts.	NMB	12
109	Voltage stabilizer; Passanger Lift	NMB	12
A2.3	ELECTRICAL & ICT SERVICES		
110	500kVA,33/0.4kV oil immersed transformer complete with drop out fuse including lightening arrestors, crossarms, pin insulators copper lugs for both sides HT and LT and all associated accessories as ABB or equal and approved	NMB	10
111	315kVA,33/0.4kV oil immersed transformer complete with drop out fuse including lightening arrestors, crossarms, pin insulators copper lugs for both sides HT and LT and all associated accessories as ABB or equal and approved	NMB	46
112	100kVA,33/0.4kV oil immersed transformer complete with drop out fuse including lightening arrestors, crossarms, pin insulators copper lugs for both sides HT and LT and all associated accessories as ABB or equal and approved	NMB	6

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113	Generator set of 3 Phase, 275kVA, 50Hz diesel generator sets with sound attenuated, auto start generator set and all features required for standby applications conveniently packaged together as Perkins/Caterpillar/olympian/Cummins or equal and approved	NMB	3
114	Generator set of 3 Phase, 88kVA, 50Hz diesel generator sets with sound attenuated, auto start generator set and all features required for standby applications conveniently packaged together as Perkins/Caterpillar/olympian/Cummins or equal and approved	NMB	6
115	400A TPN automatic changeover switch comprising of two 4-pole electrically and mechanically interlocked 400A motorised MCCB complete with controller AS PER ABB TYPE OR APPROVED EQUIVALENT.	NMB	3
116	160A TPN automatic changeover switch comprising of two 4-pole electrically and mechanically interlocked 160A motorised MCCB complete with controller AS PER ABB TYPE OR APPROVED EQUIVALENT.	NMB	6
117	12-Ways TPN free standing Main LV Panel Board with 400A TPN MCCB incomer, metal clad, cubical pattern to IP20 form 2b,with short circuit breaking capacity of 50KA at 415Vac,50HZ ,COMPRISING OF ABB switch gear and outgoing MCCBs of 63A TP (3 No),100A TP (9 No),comprising of 50kA Surge Arestor, Ammeter and voltmeter complete with 300kvar power factor correction as ABB type or equal and approved.	NMB	9
118	12 Ways SPN distribution board DB-C with integral 63A/300mA MCCB incomer and final circuit MCBs of 10A SP (4No),20A SP(2No) and 32A SP(6No) as ABB TYPE or APROVED EQUIVALENT.	NMB	37
119	12Ways TPN distribution board DB-GFA with integral 100A/300mA MCCB incomer and final circuit MCBs of 10A SP (4No),20A SP(24No) and 32A SP(5No) ,45A SP(3No)as ABB TYPE or APROVED EQUIVALENT.	NMB	13
120	8 Ways TPN distribution board DB- FS with integral 100A/300mA MCCB incomer and final circuit MCBs of 10A SP (6 No),20A SP(12No) and 32A SP(5No) ,45A SP(1No)as ABB TYPE or APROVED EQUIVALENT.	NMB	44

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121	8 Ways TPN distribution board DB- GFB with integral 100A/300mA MCCB incomer and final circuit MCBs of 10A SP (4 No),20A SP(15No) and 32A SP(4No) ,45A SP(2No)as ABB TYPE or APROVED EQUIVALENT.	NMB	13
122	8Ways SPN distribution board DB-F with integral45A 63A /300mA MCCB incomer and final circuit MCBs of 10A SP (2No),20A SP(3No) and 32A SP(3No) as ABB TYPE or APROVED EQUIVALENT.	NMB	40
123	6Ways TPN distribution board DB-GH with integral 100A/300mA MCCB incomer and final circuit MCBs of 10A SP (5No),20A SP(3No), 32A SP(1No) and 45A TP(3NO) as ABB TYPE or APROVED EQUIVALENT.	NMB	7
124	6 Ways SPN distribution board DB- A, D, E, F with integral 45A/300mA MCCB incomer and final circuit MCBs of 10A SP (2 No),20A SP(3No) and 32A SP(1No) as ABB TYPE or APROVED EQUIVALENT.	NMB	114
125	4 Ways SPN distribution board DB-B with integral 32A/300mA MCCB incomer and final circuit MCBs of 10A SP (2 No),20A SP(1No) and 32A SP(1No) as ABB TYPE or APROVED EQUIVALENT.	NMB	38
126	4-Ways TPN free standing Main LV Panel Board with 160A TPN MCCB incomer, metal clad, cubical pattern to IP20 form 2b,with short circuit breaking capacity of 50KA at 415Vac,50HZ ,COMPRISING OF ABB switch gear and outgoing MCCBs of 63A TP (1 No), 100A TP (3 No),comprising of 50kA Surge Arestor, Ammeter and voltmeter complete with 50kvar power factor correction as ABB type or equal and approved .	NMB	6
127	Lighting type A:RECESSED LED PANEL RC-SL SQUARE 595-40W-6500 -WH-GP III WITH CODE NO.542004024510 AS OPPL TYPE OR APPROVED EQUIVALENT	NMB	555
128	Lighting type B: LEDS DOWNLIGHT RC-HM R120-12W-3000K-WH-GP WITH SAP CODE 140048186 AS OPPL TYPE OR APPROVED EQUIVALENT	NMB	3,940
129	Lighting type C:LEDS DOWNLIGHT RC-ESII R100-12W-600 WH NV WITH SAP CODE 140053271 AS OPPL TYPE OR APPROVED EQUIVALENT	NMB	1,332

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130	Lighting type D:LEDS CEILING LAMP,HC 300-10W-5700K RADAR PLUS -10 WITH SAP CODE 140056039 AS OPPL TYPE OR APPROVED EQUIVALENT.	NMB	873
131	Lighting type E: LEDS -42-T8-1200MM 18-4000K GLASS-DBL -CT -COMPLETE WITH LED TUBE AS OPPL TYPE OR APPROVED EQUIVALENT.	NMB	89
132	Lighting type F: LED BULKHEAD -E-13W-4000-FR-GP IP65 WITH CODE 543022000710.	NMB	1,843
133	Lighting type G: LED BULKHEAD -E-9W-4000-FR-GP IP65 WITH CODE NO. 543022000710.	NMB	153
134	CEILING FANS 50W, BLADE 56 INCH COMPLETE WITH HOOK, SWITCH AND REGULATOR AS PANASONIC MAKE OR APPROVED EQUIVALENT	NMB	1,619
135	External light double arm 2x50W coultryard solar pole light,6m high gualit galvanised steel s-5days even cloudy days 8hours /day with 140AH battery, 70W solar panel complete with all required accessories like (light, battery, panel, charge contorl and pole) as OPPL TYPE or approved equivalent	NMB	6
136	Single arm light 70W Courtyard solar pole light, 12m high quality galvanised steel 3-5 days even cloudy days 8 hours/day with 140AH battery,70W SOLAR panel Complete with concrete base and all required accessories like light, battery, panel charger control and pole) as opple type(brand) or approved equivalent.	NMB	542
137	Electric cables; 4C x 25mm ² Cu,PVC/ PVC cable ; 1C x 16mm ² Cu,PVC Green/Yellow earth cable; 1C x 10mm ² Cu,PVC Green/Yellow earth cable.; 4C x240mm ² Cu, PVC/SWA/PVC cable from Main Supply passing through changeover switch to Sub -Main LV Panel Board.; 4C x50mm ² Cu, PVC/SWA/PVC cable from Main Supply passing through changeover switch to Sub -Main LV Panel Board.; 1C x 120 mm ² PVC/Cu Green/Yellow earth cable.; 1C x 25mm ² PVC/Cu Green/Yellow earth cable.; 4C x 16mm ² Cu,PVC/ PVC cable from sub Panel Board to distribution board Lift.; 70sqmm 4core U/G cable.; 25sqmm 4core U/G cable; 1C x 16mm ² Cu,PVC Green/Yellow earth cable.; 1C x 6mm ² Cu, bare conductor for lghtning protection; Earth wire cu 70mm ² ; 4C x	M	137,276

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Tangazo La Serikali Na. 90 (Linaendelea)

	150mm ² Cu,PVC/ SWA/PVC cable from LV fuse to out door Low voltage panel.; 4C x 16mm ² Cu,PVC/SWA/ PVC cable from Main LV Panel Board to isolator; 1C x 16mm ² Cu,PVC Green/Yellow earth cable.;		
138	Cable tyier (8nr); 4C x 25mm ² Cu,PVC/ PVC cable; Cable lugs for 16mm ² cable; Cable glands for 4cx25mm ² cable,1C x 16mm ² Cu,PVC Green/Yellow earth cable.,3C x 10mm ² Cu,PVC/ PVC cable; Cable glands for 3cx10mm ² cable ,1C x 10mm ² Cu,PVC Green/Yellow earth cable; Cable glands for 16mm ² cable (2nr)	NMB	2,608
139	Copper Cables; 3C x 10mm ² Cu,PVC/ PVC cable; Single core 2.5 sqmm PVC copper cables from distribution Boards to all power outlet points; Single core 1.5 sqmm PVC copper cables from distribution Boards to all lighting outlet points ;	NMB	70,198
140	PVC Heavy gauge Conduits, elbow and connectors for;100mm diam, 25mm diam, 20mm diam, 4way 20mm round box, Back box and cover; twin back box;	NMB	129,692
141	Tangic; PVC Glue; 1Litre	NMB	324
142	Trunking Installations;3-compartment PVC trunking 170 x 50mm to be recessed on walls(flush) and installed at skirting level complete with all necessary fixing accessories as MK	M	26,610
143	Sockets, Switches, cooker control units, fan regulators, DP switches; 2 x13A raw power switched socket outlet complete with back box; 20A DP switch for water pump as Legrand or approved equivalent; TV, CAMERA, Data and Voice outlet points complete with back box; Cooker control unit 45A DP switched with neon lamp and integral 13A switch socket outlet flush as Legrand or approved equivalent; One way 1 gang light switch as Legrand or equivalent; One way 2 gang light switch as Legrand or equivalent; Two way 1 gang light switch as Legrand or equivalent; Intermediate light switch as Legrand or equivalent; Photocell unit c/w 16A TPN contactor for external lighting.;	NMB	7,256
144	Emergency exit light; single /double sided exit light, with 3HRS duration emergency bulkhead for 8w T16(T5) AS OPPL TYPE or equivalent.	NMB	150

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Tangazo La Serikali Na. 90 (Linaendelea)

145	Isolators: 63A TP, Three phase Isolator for Lift; 32A TP, Three phase Isolator for Pump; 63A TP isolator; 120A TP isolator; Metering panel, 320A metering unit, 320A 4way TP outdoor low voltage panel; 120A TP Isolator	NMB	69
146	Lighting arrestor; 33KV lightning arrestor C/w fuse Isolator; lightning protection including surge arrestors; Surge arrestors (11Sets)	NMB	58
147	Lighting protection; Copper lugs-70sqmm-HT side; Copper lugs-25sqmm-HT side; Copper lugs-50sqmm-L/T side; 33KV Termination kit 50/25sqmm; Copper lugs-240sqmm-L/T side	NMB	96
148	Termination Kit:33KV Termination kit 240/70sqmm; Metering unit (100A) for 100kVA transformer; Metering unit (160A) for 100kVA transformer; Metering unit (400A) for 315kVA transformer; Copper cable lugs 25/16sqmm; Copper cable lugs 50/25sqmm; Copper cable lugs 240/70sqmm; Raychem termination kit for the 3 core 33kV 185mmsq HT cable	NMB	814
149	Electric Poles: 33kV HT Pole complete with all necessary conductors, insulators, supports and all installations accessories; Pin insulator complete with conic pin; Drop Out Fuse including Lightning Arrestors; 12m spun pre-stressed concrete pole (210)	NMB	510
150	Galvanised Mild Steel Cable Trays; 450mm x 300mm GSM cable tray for power and data	M	13,340
151	Capacitor Bank; Supply and install the 100kVAR power Factor Capacitor Bank switched in six steps,50,50kVAR; Solid copper air terminal as Furse complete with all mounting accessories	NMB	45
152	25 x 3mm Bare copper tape, 70sqmm copper conductor, test clamp, earth rods, inspection pits complete with bonding to all RC column welding bars to be used as down conductor and all fixing accessories, disconnecting links, test links, discharge counter and others as per technical specification and drawings	M	996

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Tangazo La Serikali Na. 90 (Linaendelea)

153	Fire Detection and Alarm system:2loops,4 zones conventional fire alarm control panel FP 2000 Series complete with power supply units, plug in modules, charger and 24 hours battery standby unit ;conventional Photoelectric smoke detector with base; conventional Heat detector complete with base; Breakglass conventional call point; conventional sounder/bell; 33kV SF6 outdoor Load breaker switch	NMB	2,743
154	Templates and accessories; Hot Dip Galvanized 33kv Angle Cross arm 7'4" x 4 x 2" x 8mm thick Long cross arm strut 33kV Pin insulator complete with spindle, bolt, washer and nut 33kV Disc insulators 33kV galvanised Jumper spindle complete with bolt, washer and nut Clevis adapter 6 bolt clamp J hook Bolt & Nuts x 12" x 3/8 3/4" nut 3/4" washer Danger plate Pole identifier Light duty universal section clamp (203 - 229)mm; Cable Lugs 33Kv 185mmsq HT	NMB	5,140
155	Barbed Wire; 2.5mm diam; 3mm soft binding wire	M	1,050
156	Earthing Protection system: 2m earth rod complete with clamp; Red soil 5kg bags (33No); 20kg Salt bags (33No); Charcool ash 5kg bag(33No)	NMB	132
157	Stay: Stay rod(19);Stay bolt(19);Stay insulator(19);Stay block(19);Stay plate(19); Cross Arm 7'4"x4x2"	NMB	95
158	Stay wire(228)	M	228
159	Electrical; Fire detection& Alarm systems; Installation Accessories for system installation/commissioning; Earthing Electrical	NMB	48

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Tangazo La Serikali Na. 90 (Linaendelea)

	system to IEE		
B	DEVELOPER PROJECT EXPENSES; SERVICE PROVIDERS		
	DEVELOPER PROJECT CONSULTANCY EXPENSES		
160	Design, Supervision consultancy service; Service provider Expenses	NMB	1

Dodoma,
3 Januari, 2024

MWIGULU LAMECK NCHEMBA MADELU
Waziri wa Fedha